

Sequence Listing



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— 04 2001

TECH CENTER 1600/2900

< 110 > Rudland, Philip S.  
Barracclough, Roger B.  
< 120 > Metastasis Inducing DNA's  
< 130 > WPT 0114 PUS  
< 140 > US 09/101,423  
< 141 > 1998-11-27  
< 150 > PCT/GB97/00074  
< 151 > 1997-01-10  
< 160 > 8

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< 210 > 1  
< 211 > 1033 base pairs  
< 212 > DNA  
< 213 > Homo sapiens

< 400 > 1  
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cttgacagac tctgggacag tcccctctgc tctctgttg ggcctgagt ccccttttgc 120

ctgaggaccc ttcacgtagc ctcccatctg gatgacctag tagaagacgt gggaagttgt 180

cacactcagg taactgagca gagctcagag atttaaagtg agtctgggga gcctcgagga 240

ttgatctgct gccttaaaaa gccaatgga tgactaacc agactattgt cacttaggt 300

gggaagtcac tagcatact gatgggtcac atctgagaaa ggtttctagc agtggtggcc 360

ttgtgtgagc agcatggcgt gtatcatggt gtgcagcata ctcaggctgc ttgcaacct 420

cgaggctctt cttcagtatt aggggaacca ctggtgttga acatggcca agaatacagt 480

catgtgagga gaatcccaat gcgtcaggag aaaacgagag tctgtgacct ccattctca 540

agatacagaa ttattcttgg actgtgtttt catgctcctt gtggatggga gtgagtttac 600

ttcagggttaa tcagcattgc ttactgttgg tattcaagta aatgcttaaa ttatcctgga 660

tatacctctg tgggaagcag gtttttgata catgcagctt gtccttga ttgatactgc 720

ttgaactcaa gagaactttg ctcattgat cttcttaac cgatggagta gaaactgtct 780

gatgctctca ataaagttgg ctcttcacg agacgttagt ctgtcctgtt tatctgtcc 840

attctccgc tcccacggcc tctacagcac taaaccacc accgatagac tcagtcttc 900

actgacaaac atcaccagag gctcttaact gagattataa actgttacta gatgatgggt 960

tgaatcgctc cccagaaaca taaacattta cttggagaac tcaagacccc ttgtagaca 1020

taactcccat ggt 1033

<210> 2

<211> 1058 base pairs

<212> DNA

<213> Homo sapiens

<400> 2

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tgtggtcagc agccagaatt tagggatgtg atgggacagg gtcggggaaa gaaggagaag 180

ggtaaaggaa agacagcacg ttaaagtcca aacagctcca ggagactatc ttagaaaata 240

acatcagacc atgaggagaa ttgatatcat tgttttcaa tgggtatcgc caagggaact 300

ttccatctga ttaaaaataa ttactgctgg cactaaatcc aattggaaat gccccacaca 360

atttatcttc cacttcatgc tgctaccata tgcctgacgt ggcggagcag aagcattccc 420

tcccgttctg ataaatagta ctttgtaaatt atttgagac gggagctctg gtgacaggga 480

acacgtacaa accggcctgt ttatcatgtt cccgatagag gccctctttg acgtacagga 540

ccccaaaaca gtcaggatgc tgtgaatttc cttccatgaa gccttgttca caattagcaa 600

ccattggagg aagcaggctg cactgtctac cacaagtggc actttccaaa gagcacacat 660

atattggagc aagacatttt gctggctgac tgggtctgtg taagctgata aactgctata 720

tttattaaac tggcttttct ttgaacaccc cactcaagga aaaaaaaca cacttagggt 780

gacattattt ggagatgaag tctttataga gatgcttaag tttaaagcag acttttaaag 840

ccggctctat tccatttaat gaatggtgtc cctacaaagg aagaaactgg gacagaggta 900

tgtacacttg tgtgtgtgtg agagacaacg tgaggagctg aagaggagca cgtacaagtc 960

agagaaaggc tgacccttat tcacactgag caaacagtc atgtgtgggt cgatagatga 1020

gagtatcccc caagactcac acattcgaac gcttggtc 1058

<210> 3

<211> 1008 base pairs

<212> DNA

<213> Homo sapiens

<400> 3

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agaacacaat cacaataaaa aaaaatcttg aaaaatttta agctaaaatt gttaagaaat 180

aacatatata caattttct ttatttttt aaagatttat ttatttaatg tatatgagta 240

cactgcctct cctccagac atagcagtac agggcatcgg atcccattac agatggttgt 300

gagccacat gtggtttcac agatggttgt gagccacat gtggtttcag gaattgaact 360

caggaccttt ggaagagcag tcagtgtct taacctctaa gccatctctc ctgaccctta 420

tatacaattt taatgctacg tacacacaac ttcttttcc tttaatgggt gagatttttg 480

tctggagaag taagaataaa ggagggaag aacattgctt tcacattgca ccagtgggaa 540

cagcgtgttt aaagtaggaa tgccatgaaa tgactggcct gccttctcat tactgttct 600

cccactctc ctttaactg gagctccttt atctaattta ttagtttgac gatacccagg 660

gttttctct gtttgatct tttaagaca gagactcacc atatagccct ggctggcctg 720

aagctcacta ttagaccag tctggccttg aactcaaagg agatctatct gcttcctagt 780

gctgggatta aaggcttggt ctaccaagtc tggctgagg ctttgagca gcctcggtt 840

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gtgttcgtt catcctggct ccagcacaaa ggagtcact aaacgtcggc ctcatttcac 960

cagagctgaa tgcaaatcc ttgtgctctt cctgtgcct cctggaac 1008

<210> 4

<211> 1088 base pairs

<212> DNA

<213> Homo sapiens

<400> 4

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ggtaattaa agctctctcc cagtggcctt tctgtttt ggctctggga ggcgaaggca 180

ttgagaggga tgcaggcatt ctaagggctg gttcttggtt tctccctcc cctctgtcca 240

aactcagtga ggtatccctg tctgtgctgt ccttagagtg ccgtctgag gccttggtga 300

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aaccaggcaa aggtgttggc tgtgacctca gaattctgag gggcaaaggt tcaaggctaa 420

ctctcattat agagcaagtt tgagactggc ctgggaacaa aaatataaag tgagttaggt 480

catatgacag cacctgagga gtctgtccc tagagatcat aaggacctgg ctgctgggga 540

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tatctggtac acatctgctg ggtgaatgag ttcattgggt ttatttcagt gaggtattta 720

cctgaggaga aagaaggact ggtgccacaa agcacagctt ttaaactgtg gggttgtgac 780

ccattatgga ctatcataac tgagtgcagg tatcaagaat actttagcag gtggtaaaaa 840

gatttttgaa tgcgcaacga ccaaaactga actcaaaaat caagcatggc atggatcctg 900

ggtgctcctg gaagcacttg cctttactgc attgtgcgac ttgacggtag ccttggttct 960

gaatgcacaa cacgtgggct ttgggctgca caggccacca cgccgtgcct gaaacacctc 1020

agctcagggt tgtggctatg tcctatgact tggacttact tttattgcac atataaatat 1080

tttctgc 1088

<210> 5

<211> 960 base pairs

<212> DNA

<213> Homo sapiens

<400> 5

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cggggttagaa atttaaaagc cctgagggga atttttttt taaatcgcta tgaatctgac 120

atgagaaaaa cagatcagaa acgttcttgt gcttcagaaa aggacaagtg tgtgagctaa 180

cagactgcac actggtgttc gaggcacatc tggatcacag gagcgtcaga taatgtcccc 240

aaaggtaaata gcatttgctt gcacagtacc gagtgtggtg ggggggtgcct acagcccagc 300

ggttctcaac ctctctgatg cttcgacctt ttaatacagt gcctcatgct ctggtgacct 360

ccccaacctt aaaattattt ttgttctgt tcataactgt gattttgata ctgttatgaa 420

ttgtaatata aataattttg aagaaagagg ttgccaagg gtttgagaac tgctgttcta 480  
 gccccacgtg gatggttttt cgtcatttgg gggttttatg aggcagagtc ttatgtagcc 540  
 caggctagca gcctagaatg tgctacttag ctgaggaata accttggaac ttctgaggac 600  
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 taagaaagag aaaggggagc atagagggga aaagaaacc ctgaataacg tcagtagttg 780  
 gcaaagggggg gtgacatatg ttgtcattag accacatcct ggtgattaag gggagtcaag 840  
 ttcttggggg caagtttgat ctttctgtga acgatatcta atttcttctc cctgttgctt 900  
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 <210> 6  
 <211> 1090 base pairs  
 <212> DNA  
 <213> Homo sapiens  
  
 <400> 6  
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 gtgttctact gtcagatgtg tagctgttcc tgtccactga ctttcaagct gtctctgtgt 180  
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tcctaggtat gtcttcccct ctgaaggctt agctctccct tccatgggat atgggtgcag 360  
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 cttgcctgct gcaatcttcc cgcaccaga ggcaccaag tttctcttg ggccaaggat 480  
 gtgggcaaag gtgggcagaa gtggcaatct ctctgccct agcgtctcag gattgccctc 540  
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 atcaggcaaa ggtttgaggc aaccagttag aaactggaag tgcaggtcc cagaggaatt 660  
 ttgcctttgt gtgtcctgag tccaccaggc aggtcacttg gagcagaaaa attggtttc 720  
 ccctcggctc caggcctgaa gttgcacctc agggttggct ttcagctgta cctgtggaaa 780  
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<210> 7  
 <211> 45 base pairs  
 <212> DNA  
 <213> Homo sapiens



<400> 7

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<210> 8

<211> 47 base pairs

<212> DNA

<213> Homo sapiens

<400> 8

agctataatg cggccgcata ttcggcctga tcggccgcaa gcttgga 47